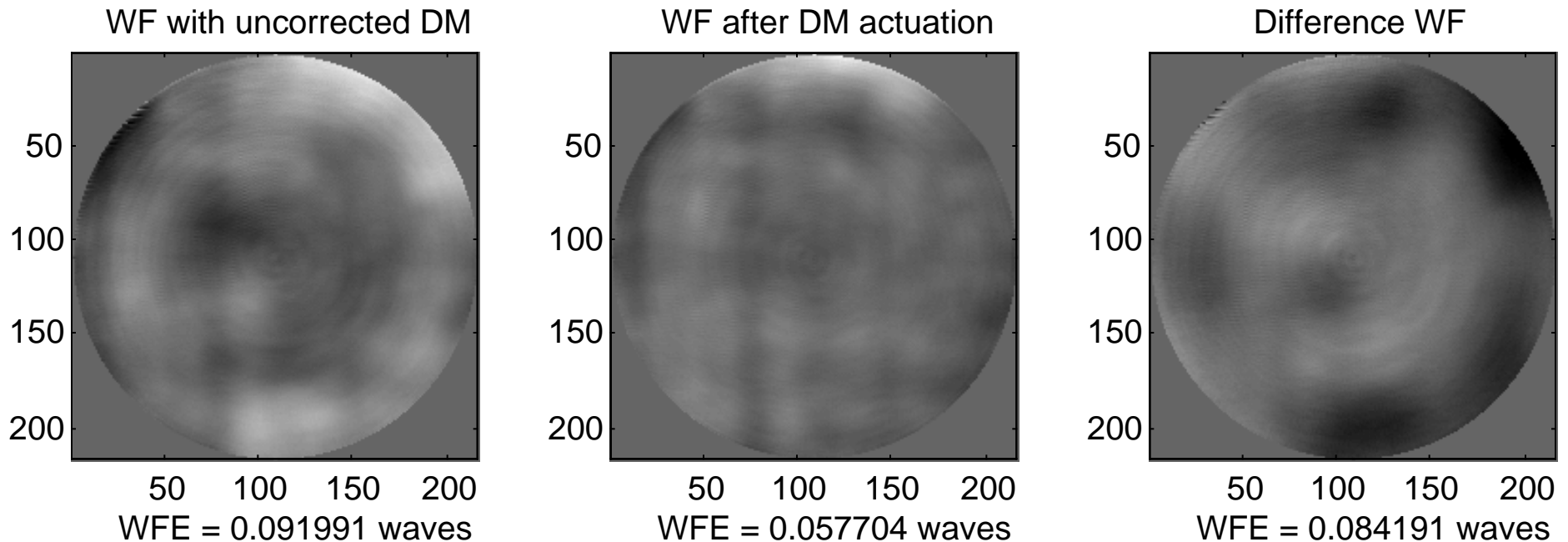
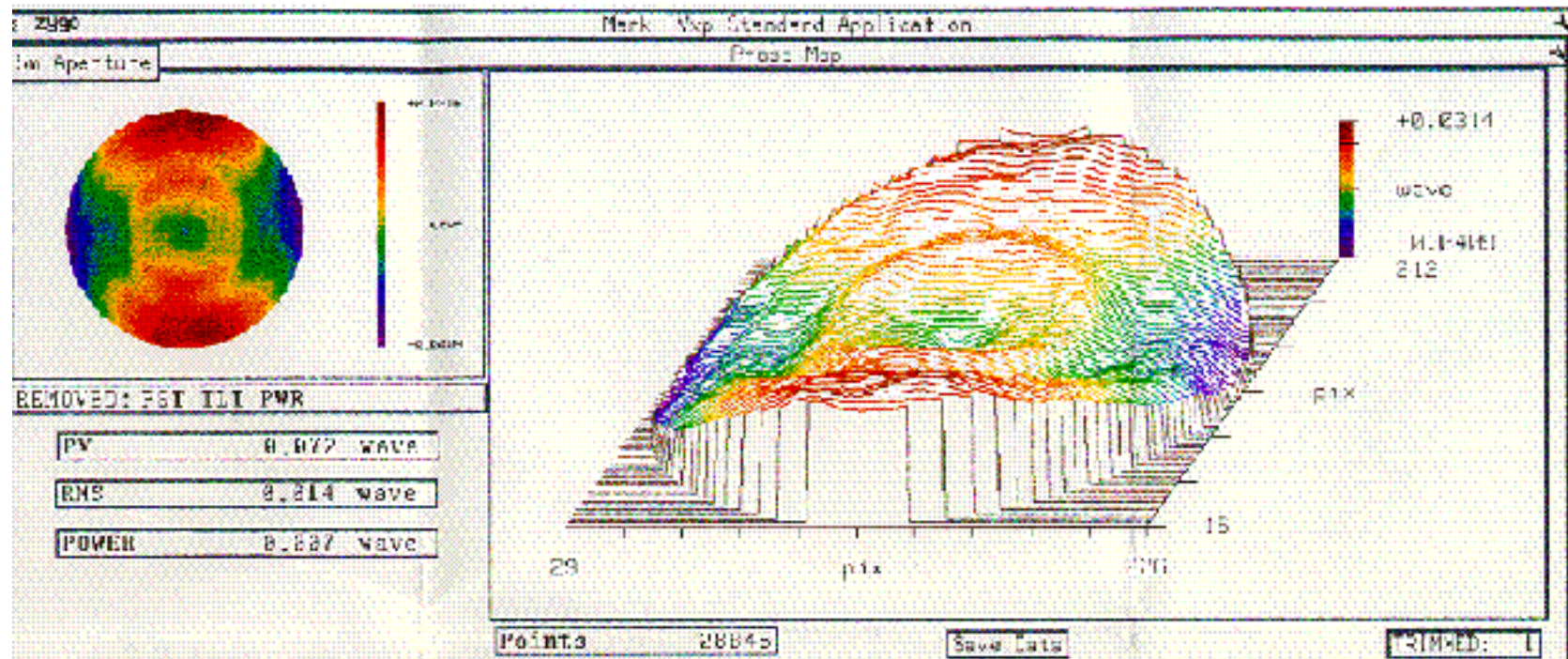


# DCATT SSC 1st Closed Loop Results



- Shows WF before and after correcting DM (1 iteration only)
- Control applied is shown in “Difference WF” plot
- Corrects low-mid spatial freq effects, except some edges
  - Edge influence functions poor, are being remeasured
- Residuals show OAP “gouges”, which are smaller than the DM actuators and are not correctable

# Zygo Transmission Sphere Surface Map



- Shows surface map of Zygo transmission sphere -- part of total non-common path error between DCATT WFS and Zygo measurements
- Qualitatively consistent with WFS - Zygo residuals
  - Magnitude, astigmatic character, dip near center
  - Residuals also include BS non-common path effects